

Application No.: 09/910,425

Case No.: 55579US004

**LISTING OF CLAIMS:**

~~The following listing of claims will replace all prior versions of claims in the application:~~

1. (currently amended) A fixed abrasive article for planarizing wafers, comprising a textured three-dimensional abrasive composite comprising abrasive composite elements, and further comprising a mechanical wear indicator, wherein the abrasive composite elements comprise abrasive particles dispersed in a binder, and wherein the mechanical wear indicator is positioned between abrasive composite elements or is contained in a lower portion of at least one of the abrasive composite elements.

2. (canceled)

3. (original) The fixed abrasive article of claim 1 comprising erodable abrasive composite elements.

4. (original) The fixed abrasive article of claim 3 wherein the abrasive composite elements comprise a plurality of cylindrical posts.

5. (original) The fixed abrasive article of claim 1 comprising a precisely-shaped abrasive composite.

6. (currently amended) The fixed abrasive article of claim 1 wherein the wear indicator comprises a visible marker in ~~a~~ the binder.

7. (previously presented) The fixed abrasive article of claim 1 wherein the wear indicator comprises a metallic material, a visible material, or a magnetic material.

8. (original) The fixed abrasive article of claim 1 wherein the wear indicator comprises a colored marker.

9. (original) The fixed abrasive article of claim 8 wherein the colored marker is

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chosen from the group consisting of a dye, a pigment, or a colorant.

10. (canceled)

11. (original) The fixed abrasive article of claim 1 wherein the wear indicator comprises an abradable wear indicator coated on an abrasive surface of the fixed abrasive article.

12. (original) The fixed abrasive article of claim 1 wherein the wear indicator comprises an abradable wear indicator embedded in an abrasive composite.

13. (original) The fixed abrasive article of claim 1 wherein the wear indicator comprises a visible marker contained in a lower ten percent by height of an abrasive composite element.

14. (currently amended) The fixed abrasive article of claim 1 ~~wherein the wear indicator comprises~~ comprising a wear indicator composite comprising a the wear indicator and the [[a]] binder adhered to a base, wherein upon contacting a workpiece the wear indicator-composite element indicates contact between the wear indicator and the workpiece.

15. (original) The fixed abrasive article of claim 1 wherein the article comprises a fixed abrasive pad.

16. (original) The fixed abrasive article of claim 1 wherein the article comprises a fixed abrasive belt.

17. (currently amended) A fixed abrasive article for planarizing wafers comprising posts having abrasive particles dispersed in a binder and a mechanical indication to indicate post consumption, wherein the mechanical indication is positioned between abrasive composite elements or is contained in a lower portion of at least one of the abrasive composite elements.

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18. ~~(original)~~ The fixed abrasive article of claim 17 wherein the fixed abrasive article is a pad.

19. (canceled)

20. (canceled)